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ABSTRACT

A phase-locked loop circuit has an output amplifier (27) and a main feedback path from the output of the output amplifier (27). A subsidiary feedback path is provided directly from the output of the circuit's VCO (32). At the start of operation, the output amplifier (27) is disabled and the subsidiary feedback path is used until lock is achieved. Then the output amplifier (27) is enabled and the main feedback loop is used. This avoids spurious outputs from the outer amplifier while to loop locks.